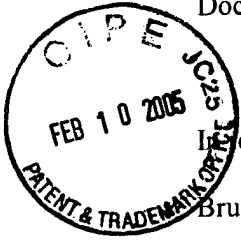


CFW  
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Docket No.: 55071-129

PATENT



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

Bruce W. SMITH

Application No.: 10/083,694

Filed: February 27, 2002

: Customer Number: 20277

: Confirmation Number: 1516

: Group Art Unit: 2851

: Allowed: January 31, 2005

: Examiner: Peter B. Kim

For: OPTICAL PROXIMITY CORRECTION METHOD UTILIZING GRAY BARS AS SUB-  
RESOLUTION ASSIST FEATURES

**REQUEST FOR ACKNOWLEDGEMENT OF THE CITED ART**

Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

We are in receipt of the Notice of Allowance dated January 31, 2005.

In reviewing the file, it is noted that we have not received acknowledgement of the Information Disclosure Statement and cited art filed July 17, 2003. Enclosed are copies of the Information Disclosure Statement, PTO-1449 and stamped return postcard acknowledgement.

Applicant hereby respectfully requests that:

- (1) the appropriately acknowledged PTO-1449 be furnished to Applicant; and
- (2) the record be clarified to confirm that the cited art has been considered and made of record.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP

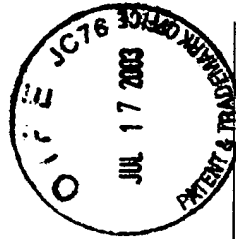
Michael E. Fogarty  
Registration No. 36,139

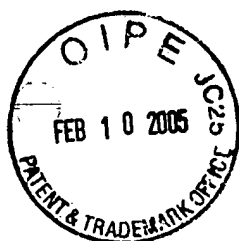
600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
Phone: 202.756.8000 MEF:cg  
Facsimile: 202.756.8087  
**Date: February 10, 2005**

**Please recognize our Customer No. 20277 as  
our correspondence address.**



Applicant: <u>Bruce W. SMITH</u>		Docket No. <u>55071-129</u>	
Title: <u>OPTICAL PROXIMITY CORRECTION METHOD UTILIZING GRAY BARS AS SUB-RESOLUTION ASSIST FEATURES</u>			
Date Sent: <u>7/17/2003</u>	<input type="checkbox"/> Hand Carried	<input type="checkbox"/> Fax	<input type="checkbox"/> Electronic
<input type="checkbox"/> Transmittal Letter	<input type="checkbox"/> Utility	<input type="checkbox"/> Design	<input type="checkbox"/> Cont.
<input type="checkbox"/> New Patent App	<input type="checkbox"/> CIP	<input type="checkbox"/> Div.	<input type="checkbox"/> PCT
<input type="checkbox"/> Other: _____	<input type="checkbox"/> Letters submitting _____ pages of drawings	<input type="checkbox"/> Req. for Approval of Drawing Amendments	<input type="checkbox"/> RCE
_____ pages of Specification	<input type="checkbox"/> Req. for Oral Hearing	<input type="checkbox"/> Not. of Appeal	<input type="checkbox"/> Appeal Brief
_____ pages of Claims	<input type="checkbox"/> Rule 312 Amendment/Letter	<input type="checkbox"/> Req. for Acknowledgement of Cited Art	<input type="checkbox"/> Reply Brief
_____ pages of Abstract	<input type="checkbox"/> Issue Fee	<input type="checkbox"/> Publication Fee	
_____ pages of Formal/Informal Drawings	<input type="checkbox"/> Req. for Certificate of Correction	<input type="checkbox"/> Maintenance Fee for _____ years after grant	
<input type="checkbox"/> Small Entity	<input type="checkbox"/> Fee Address Indication Form	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Declaration/Power of Attorney	<input type="checkbox"/> Petition to Commissioner	<input type="checkbox"/> Status Inquiry	
<input type="checkbox"/> Recordation of Assignment/Security Agreement	<input type="checkbox"/> Other		
<input checked="" type="checkbox"/> Information Disclosure Statement			
1 Form PTO 1449			
9 copies of cited references			
<input type="checkbox"/> Preliminary Amendment			
<input type="checkbox"/> Response to Missing Parts Notice			
<input type="checkbox"/> Resp. to Notice to Correct App. Papers			
<input type="checkbox"/> Certified Copy of Priority Doc.			
<input type="checkbox"/> Claim for Convention Priority			
<input type="checkbox"/> Response/Amendment to Office Action of _____			
<input type="checkbox"/> Request for _____ month Extension of Time			
Check for \$ _____	<input checked="" type="checkbox"/> Charge Deposit Acct. 500417\$	0.00	Atty Init.
	MEF	Tkpr. #	3328
		Secy. or PL:	JG Harrison
CMS Descrip.: _____			
THE PATENT AND TRADEMARK OFFICE DATE STAMPED HEREON IS ACKNOWLEDGEMENT THAT THE ITEMS, CHECKED ABOVE, WERE RECEIVED BY THE PTO ON THE DATE STAMPED.			





Docket No.: 55071-129

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

Bruce W. SMITH

Serial No.: 10/083,694

Group Art Unit: 2851

Filed: February 27, 2002

Examiner: not yet assigned

For: OPTICAL PROXIMITY CORRECTION METHOD UTILIZING GRAY BARS AS SUB-RESOLUTION ASSIST FEATURES

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Each non-English language reference was first cited in a corresponding foreign application search report or office action and its relevance discussed therein. A copy of the


10/083,694

foreign search report or office action, together with an English language version thereof, is attached for the Examiner's information.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

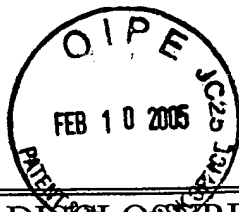
Respectfully submitted,

MCDERMOTT, WILL & EMERY



Michael E. Fogarty  
Registration No. 36,139

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
(202) 756-8000 MEF:jgh  
Facsimile: (202) 756-8087  
**Date: July 17, 2003**



SHEET 1 OF 1

INFORMATION DISCLOSURE  
CITATION IN AN  
APPLICATION

(PTO-1449)

ATTY. DOCKET NO.  
55071-129SERIAL NO.  
10/083,694APPLICANT  
Bruce W. SMITHFILING DATE  
February 27, 2002GROUP  
2851

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US 5,229,230	07/20/1993	Kamon	
		US 5,821,014	10/13/1998	Chen et al.	
		US 6,048,647	04/11/2000	Miyazaki et al.	
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## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Code <sup>1</sup> -Number &-Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
	A2	EP 1 174 764	01/23/2002	ASM LITHOGRAPHY B.V. and ASML MASKTOOLS NETHERLANDS B.V.			
	A1	EP 1 152 288	11/07/2001	ASML MASKTOOLS NETHERLANDS B.V.			
		JP 11143047 English abstract	05/28/1999	NEC Corp.			
		JP 08186073 English abstract	07/16/1996	MITSUBISHI ELECTRIC CORP.			
		JP 07064274 English abstract	03/10/1995	SONY CORP.			

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	11C-2-32L	"NAKAO S ET AL", "A Novel RET for Random Pattern Formation Utilizing Attenuating Non-Phase-Shift Assist Pattern", pp. 44, 45, 2000, Tokyo, Japan XP010513500

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.